

FINAL ASSESSMENTS WITH PRELIMINARY BRAC VOTE (FROM 7/10)

JULY 31, 2007

(Options are ordered by Sector number.)

Sector Abbreviations:

AF = Agriculture/Forestry; CC = Cross Cutting; ES = Energy Supply; RCI = Residential/Commercial/Industrial;
TL = Transportation/Land Use

Priority – High, Medium, or Low

Considerations:

- How much “bang for the buck” in terms of cost and CO₂e reduction potential?
- Is it critical to the accomplishment of an end result? (Keep in mind that some options are “enablers.”)
- Can we assign it a higher priority, if we can’t afford to do it?
- Does it have an immediate or a long-term pay-off?

Bins – Address Difficulty

BIN A: **"No-Brainers"** - Benefit appears to be high; it can be readily implemented; changes to existing laws and regulations are minimal or will be readily supported; the cost is modest or reasonable; and there is little or no harm associated with it.

BIN B: **"Worth Consideration"** - Most of the Bin A conditions can be met and the rest can be met with some effort. It is the opinion of the group that the effort required, in terms of cost and do-ability, are worth the benefit gained.

BIN C: **"Difficult"** - While the idea may have merit, the cost and/or effort required to make it work will either be very difficult but something that needs to be done OR may not be worth the benefit realized. There is a likely probability of significant impact OR "unintended consequences" other than cost to implement.

BIN D: **"Need more information"** - The option is too general/vague or not enough analytical information can be obtained to evaluate in the time allowed.

HIGH PRIORITY – BIN A	PRELIMINARY
AF-9 - Promote Urban and Community Trees	17
ES-17 Efficiency Improvements	17
RCI-1 – Utility Demand Side Management	17

RCI-20 - Incentives for Improved Design and Construction (e.g. Energy Star, LEED, green buildings, expedited permitting)	17
TL-7 - Promote Low-Carbon Fuels and Vehicle Technologies (Statewide)	17
TL-8 - State Fleet Lead by Example	17
ES-5 Tax Credits and Incentives for Renewable Energy	16
RCI-8 - State Appliance Efficiency Standards	16
RCI-23 - Waste/Recycling	16
TL-2 – Quality Growth Program	15
TL-13 - Education Program	15
**CC-1 - GHG Registry	14
CC-3 - Public Education and Outreach	14
CC-8 - Evaluate Existing Climate Proposals at the Regional, Federal and International Levels	14
RCI-2 - Voluntary efficiency targets	14
RCI-21 - Improved Building Codes	14
CC-7 - Guidelines for Climate Policy (in general); Coordination with other Policies	13
TL-4 - Trip Reduction, Rideshare, Vanpool, Telecommuting	13
ES-3 Green Power Purchases and Marketing	11
CC-4 - Research and Development into Low/no Carbon Energy Strategies	10
RCI-5 - Rate Design	10
RCI-11 - Government Lead by Example w/ Mandatory Efficiency Targets	9
AF-12 – Increase Fire Management and Risk Reduction Programs	8
HIGH PRIORITY – BIN B	
ES-23 Transmission System Upgrading	18
TL-1 – Develop and Implement Aggressive Mass Transit Strategy	18
TL-10 - Idle-Reduction Program	18
ES-8 Develop CO ₂ Capture and Sequestration Policy	17
ES-11 Incentives for Advanced Fossil Fuel Technologies that Yield Carbon Reduction Benefits	16
TL-9 - Clean Car Program	16
AF-1 - Promote Production of Biomass Fuels	15
ES-22 Remove Transmission/Distribution System Limitations and other Infrastructure Barriers for Renewables and other Clean Distributed Generation	15
AF-7 - Protect Forestland by Reduced Conversion to Non-forest Uses (urban, suburban, and rural lands)	14

RCI-12 - State Promotion and Tax or Other Incentives for Efficient Products (e.g. EnergyStar)	14
AF-6 - Preserve Open Space/Agricultural Land	13
ES-7 Renewable Energy and Energy Storage Research and Development	13
ES-10 Carbon Capture and Sequestration Research and Development	13
RCI-7 - Distributed Generation with Renewable Energy Applications	13
TL-14 – Explore Funding Options for the Suite of Transportation and Land Use Options	12
AF-13 – Increase Forest Health (pest/disease, invasive species) Risk Reduction Programs	11
CC-2-GHG Target	11
ES-1 Renewable Portfolio Standard	11
RCI-6 - Distributed Generation with Combined Heat and Power Systems (including Reducing Barriers)	11
CC-5 - Climate Adaptation Strategies and Policies	8
CC-6 - Regional/State Cap and Trade Program, Carbon Tax, or Hybrid	8
ES-2 Create Renewable Energy Development Zones	8
ES-21 Incentives and Barrier Reductions for CHP and DG	8
AF-5 - Convert Land to Grassland or Forests	7
TL-11 - Vehicle Speed Reduction	7
ES-4 Public Benefit Charge	6
ES-6 Pricing and Metering Strategies	6
ES-16 Generation or Emissions Performance Standards	6
ES-9 Issues for CO ₂ Transmission	5
ES-20 Retire Old Plant; Build New Low-Carbon Greenfield Plant	4
HIGH PRIORITY – BIN C	
ES-19 Retrofit Plants w/CO ₂ Capture	16
HIGH PRIORITY – BIN D	
RCI-16 - Focus on Small and Medium Enterprises (SMEs)	4
**ES-26 – Research and Development	No BRAC Vote
**ES-27 – Remove Regulatory Barriers	No BRAC Vote
**ES-28 – Tax Credits and Incentives	No BRAC Vote
TOTAL HIGH PRIORITY: 58	
MEDIUM PRIORITY – BIN A	
ES-12 Landfill Gas/Waste to Energy that Yield Carbon Reduction Benefits	12
RCI-4 - Green Power Purchasing	8

MEDIUM PRIORITY – BIN B	
RCI-9 - Solar Hot Water and Photovoltaic Codes for New Buildings	13
TL-6 – “Buy Local” Program	12
RCI-10 - Energy Management Training / Training of Building Operators	8
RCI-15 - Reinvestment Fund	8
RCI-19 - Water Pumping, Treatment, and Use Efficiency	8
RCI-17 - Participation in Voluntary Industry-Government Partnerships	7
AF-2 – Improve Manure Management	6
TL-3- Pay-As-You-Drive Insurance	4
AF-3 - Change Livestock Feed and Improve Productivity to Reduce Methane Emissions	2
AF-4 – Encourage Innovative Soil Mgmt.	2
AF-14 – Expand Use of Wood Products for Building Materials	1
MEDIUM PRIORITY – BIN C	
TL-12- Feebates (Fee on High GHG Vehicles; Rebates on Low GHG vehicles)	3
AF-10 – Promote Reforestation, Proper Stocking, and Density Management of Managed Stands	2
AF-11 – Develop and Implement Best Management Practices for Biomass Removal	1
MEDIUM PRIORITY – BIN D	
RCI-14 - Fuel Switching to Less Carbon-Intensive Fuels	7
RCI-3 - Regional Market Transformation Alliance	4
AF-8 – Encourage Afforestation and or Restoration of Nonforest Land	3
ES-18 Fuel Switching	3
AF-15 Expand Use of Forest Biomass Feedstocks for Energy Production (Fuel Blending and Switching)	2
TL-5 - Explore Shared Vehicle Ownership Programs (e.g. Flex-car, Zipcar)	2
TOTAL MEDIUM PRIORITY: 22	
LOW PRIORITY – BIN B	
ES-13 Fuel Cell Development	1
LOW PRIORITY – BIN C	
ES-15 Nuclear Development	12
ES-24 GHG emissions reduction from fuel combustion in extraction operations	4
**ES-25 GHG Leakage reduction program	3
ES-14 Hydrogen Development	1
TOTAL LOW PRIORITY: 5	

NOT ENOUGH INFO	
RCI-18 - Process Changes/ Optimization	2
RCI-22 - Alternative Gases/Leak Reduction	2
RCI-13 - Increased use of blended cement	0
TOTAL NOT ENOUGH INFO: 3	